IN THE CLAIMS

Please cancel claims 4, 7, 15 and 18, and amend the claims as follows:

1. (Currently Amended) A tint control system for component video signals comprising:

a first input for receiving a first component video signal;

a second input for receiving a second component video signal;

circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals from the first and second inputs, respectively, said first and second differential amplifiers each including a pair of transistors;

a first output connected to the circuitry for outputting a first tint control adjustment signal for the first component video signal; and

a second output connected to the circuitry for outputting a second tint control adjustment signal for the second component video signal,

wherein a collector of one transistor of each pair of transistors of the first and second differential amplifiers is connected to an operating voltage.

2. (Original) The system according to Claim 1, wherein the first outputted signal is represented as V+kU-2ckU, where V represents the first component video signal, U represents the second component video signal, k is a constant, and c is a value greater than or equal to zero and less than or equal to one.

3. (Original) The system according to Claim 1, wherein the second outputted signal is represented as U-kV+2ckV, where V represents the first component video signal, U represents the second component video signal, k is a constant, and c is a value greater than or equal to zero and less than or equal to one.

4. (Cancelled).

5. (Currently Amended) The system according to ~~Claim 4~~Claim 1, wherein a base of a respective transistor of the pair of transistors of the first differential amplifier is directly connected to a base of a respective transistor of the pair of transistors of the second differential amplifier.

6. (Currently Amended) The system according to ~~Claim 4~~Claim 1, wherein the emitters of each pair of transistors are connected to ground via a transistor connected in series with a resistor.

7. (Cancelled).

8. (Currently Amended) ~~The system according to Claim 4~~A tint control system for component video signals comprising:

a first input for receiving a first component video signal;

a second input for receiving a second component video signal;

circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals from the first and second inputs, respectively, said first and second differential amplifiers each including a pair of transistors;

a first output connected to the circuitry for outputting a first tint control adjustment signal for the first component video signal; and

a second output connected to the circuitry for outputting a second tint control adjustment signal for the second component video signal,

wherein a collector of one transistor of the pair of transistors of the first differential amplifier is connected to the first input via a resistor and to the first output.

9. (Currently Amended) ~~The system according to Claim 4~~A tint control system for component video signals comprising:

a first input for receiving a first component video signal;

a second input for receiving a second component video signal;

circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals from the first and second inputs, respectively, said first and second differential amplifiers each including a pair of transistors;

a first output connected to the circuitry for outputting a first tint control adjustment signal for the first component video signal; and

a second output connected to the circuitry for outputting a second tint control adjustment signal for the second component video signal,

wherein a collector of one transistor of the pair of transistors of the second differential amplifier is connected to the second input via a resistor and to the second output.

10. (Currently Amended) ~~The system according to Claim 4~~A tint control system for component video signals comprising:

a first input for receiving a first component video signal;

a second input for receiving a second component video signal;

circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals from the first and second inputs, respectively, said first and second differential amplifiers each including a pair of transistors;

a first output connected to the circuitry for outputting a first tint control adjustment signal for the first component video signal; and

a second output connected to the circuitry for outputting a second tint control adjustment signal for the second component video signal,

wherein a base of one transistor of the pair of transistors of the first differential amplifier is connected to a third input via a resistor for receiving a control signal for the first component video signal.

11. (Currently Amended) ~~The system according to Claim 4~~A tint control system for component video signals comprising:

a first input for receiving a first component video signal;

a second input for receiving a second component video signal;

circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals from the first and second inputs, respectively, said first and second differential amplifiers each including a pair of transistors;

a first output connected to the circuitry for outputting a first tint control adjustment signal for the first component video signal; and

a second output connected to the circuitry for outputting a second tint control adjustment signal for the second component video signal,

wherein a base of one transistor of the pair of transistors of the second differential amplifier is connected to a third input via a resistor for receiving a control signal for the first component video signal.

12. (Currently Amended) A method for controlling tint of component video signals, the method comprising the steps of:

receiving a first component video signal;

receiving a second component video signal;

providing circuitry including a first differential amplifier and a second differential amplifier for receiving the

first and second component video signals, respectively, the first and second differential amplifiers each including a pair of transistors;

outputting a first tint control adjustment signal for the first component video signal; and

outputting a second tint control adjustment signal for the second component video signal,

wherein a collector of one transistor of each pair of transistors is connected to an operating voltage.

13. (Original) The method according to Claim 12, wherein the first outputted signal is represented as V+kU-2ckU, where V represents the first component video signal, U represents the second component video signal, k is a constant, and c is a value greater than or equal to zero and less than or equal to one.

14. (Original) The method according to Claim 12, wherein the second outputted signal is represented as U-kV+2ckV, where V represents the first component video signal, U represents the second component video signal, k is a constant, and c is a value greater than or equal to zero and less than or equal to one.

15. (Cancelled).

16. (Currently Amended) The method according to ~~Claim 15~~Claim 12, wherein a base of a respective transistor of the pair of transistors of the first differential amplifier is directly connected to a base of a respective transistor of the pair of transistors of the second differential amplifier.

17. (Currently Amended) The method according to ~~Claim 15~~Claim 12, wherein the emitters of each pair of transistors are connected to ground via a transistor connected in series with a resistor.

18. (Cancelled).

19. (Currently Amended) ~~The method according to Claim 15~~A method for controlling tint of component video signals, the method comprising the steps of:

receiving a first component video signal;

receiving a second component video signal;

providing circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals, respectively, the first and second differential amplifiers each including a pair of transistors;

outputting a first tint control adjustment signal for the first component video signal; and

outputting a second tint control adjustment signal for the second component video signal,

wherein a collector of one transistor of the pair of transistors of the first differential amplifier is connected to an input via a resistor for receiving the first component video signal and to an output for outputting the first signal.

20. (Currently Amended) ~~The method according to Claim 15~~A method for controlling tint of component video signals, the method comprising the steps of:

receiving a first component video signal;

receiving a second component video signal;

providing circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals, respectively, the first and second differential amplifiers each including a pair of transistors;

outputting a first tint control adjustment signal for the first component video signal; and

outputting a second tint control adjustment signal for the second component video signal,

wherein a collector of one transistor of the pair of transistors of the second differential amplifier is connected to an input via a

resistor for receiving the second component video signal and to an output for outputting the second signal.

21. (Currently Amended) ~~The method according to Claim 15~~A method for controlling tint of component video signals, the method comprising the steps of:

receiving a first component video signal;

receiving a second component video signal;

providing circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals, respectively, the first and second differential amplifiers each including a pair of transistors;

outputting a first tint control adjustment signal for the first component video signal; and

outputting a second tint control adjustment signal for the second component video signal,

wherein a base of one transistor of the pair of transistors of the first differential amplifier is connected to an input via a resistor for receiving a control signal for the first component video signal.

22. (Currently Amended) ~~The method according to Claim 15~~A method for controlling tint of component video signals, the method comprising the steps of:

receiving a first component video signal;

receiving a second component video signal;

providing circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals, respectively, the first and second differential amplifiers each including a pair of transistors;

outputting a first tint control adjustment signal for the first component video signal; and

outputting a second tint control adjustment signal for the second component video signal,

wherein a base of one transistor of the pair of transistors of the second differential amplifier is connected to an input via a resistor for receiving a control signal for the first component video signal.